

VALID

09/445808

Pat. No. 05995954 - 4
Issue Date: 08/16/04

Group ID: A
User ID: Sxmahon

Page 1
KS: 1,173

Warning [Pages Of US References:]

page 4 has no references

Warning [Pages Of Foreign References:]

page 1 has no references

page 2 has no references

Warning [Pages Of Other References:]

page 2 has no references

page 4 has no references

17/17

CHECK LIST

Rule 47 Continuing Data PCT Disclaimer
No No Yes No

Microfiche Appendix CPA tag
No No

Foreign Priority Claimed: Yes
Acknowledged: Yes

State Code: Country Code: FIX

Text Endorsement: 09445808.022900

JACKET

<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>GAU</u>
09/445,808	02/29/00	370	342	2662

FOREIGN PRIORITY
Country Document Number Date
FIX 972704 06/23/97

DISCLAIMER

/ /

TITLE

Cellular receiver and' reception method

MICROFICHE APPENDIX

ASSISTANT EXAMINER:
First: Middle: Last:
Timothy Lee

PRIMARY EXAMINER:
First: Middle: Last:
Kassan Kizou

H
=

CLAIMS ALLOWED

Total Print

12 1

DRAWINGS

Sheets

Figures Print

1 2 Y

BLUE SLIP INFORMATION

SERIAL NUMBER

CLASS

SUBCLASS

GAU

09/445,808

370

342

2662

INDEP. CLAIMS

1,12

TOTAL CLAIMS

12

BLUE SLIP (Page 1)

INTERNATIONAL CLASSIFICATION

Class SubClass

H04B 1/707;7/216

CROSS-REFERENCES

Class SubClass

370 441

375 142

TERM EXTENSION

0

FIELD OF SEARCH

Class SubClass / / / / /
370 / 342;320;335;328;329;334;252;441

375 130;142;143;144;147;150

OATH

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Ari		Hottinen	Yes
<u>City:</u>	Espoo		
<u>State:</u>	<u>ZIP Code:</u>	<u>Country:</u> FIX	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Jorma		Lilleberg	Yes
<u>City:</u>	Oulu		
<u>State:</u>	<u>ZIP Code:</u>	<u>Country:</u> FIX	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Antti		Toskala	Yes
<u>City:</u>	Helsinki		
<u>State:</u>	<u>ZIP Code:</u>	<u>Country:</u> FIX	<u>Foreign ZIP:</u>

INVENTOR NAME

<u>First:</u>	<u>Middle:</u>	<u>Last:</u>	<u>Signed:</u>
Harri		Holma	Yes
<u>City:</u>	Espoo		
<u>State:</u>	<u>ZIP Code:</u>	<u>Country:</u> FIX	<u>Foreign ZIP:</u>

PCT INFO

INTERNATIONAL APP NUMBER

INTERNATIONAL FILING DATE

PCT/FI98/00548 06/23/98

35 U.S.C. 102(e) DATE 35 U.S.C. 371 Date
/ / 02/29/00

PUBLICATION NUMBER PUBLICATION DATE
WO99/01946 01/14/99

CONTINUING DATA (Page 1)

<u>LINE</u>	<u>CODE</u>	<u>SERIAL NUMBER</u>	<u>FILING DATE</u>	<u>STATUS</u>	<u>DOCUMENT NO.</u>	<u>ISSUE DATE</u>
-------------	-------------	----------------------	--------------------	---------------	---------------------	-------------------

REFERENCES (Page 1) SERIAL NUMBER: 09/445,808

FORM 892

<u>U.S. REFERENCES</u>	<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
	5,579,304	11/1996	Sugimoto et al.	370	342

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
------------------------	-------------	----------------	--------------	-----------------

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Shimon Moshavi. Multi-User Detection for DS-CDMA Communications Oct. 1996. IEEE Communications Magazine. pp. 124-136.

REFERENCES (Page 2) SERIAL NUMBER: 09/445,808

FORM 892

<u>U.S. REFERENCES</u>	<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
	5,218,619	06/1993	Dent	370	209
	5,719,899	02/1998	Thielecke et al.	375	144
	5,970,060	10/1999	Baier et al.	370	342
	5,463,660	10/1995	Fukasawa et al.	370	342

5,644,592	07/1997	Divsalar et al.	375	147
5,394,434	02/1995	Kawabe et al.	370	342
5,757,845	05/1998	Fukawa et al.	375	152

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
------------------------	-------------	----------------	--------------	-----------------

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

REFERENCES (Page 3) SERIAL NUMBER: 09/445,808

FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
<1,1>5,579,304	11/1996	Sugimoto et al.		
<2,5>5,644,592	07/1997	Divsalar et al.		

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
------------------------	-------------	----------------	--------------	-----------------

97180 10/1996 FIX

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

Thielecke et al., +37 Interference Reduction Applied to Channel

Estimation in CDMA Systems+38 , Proc. of Vehicular Tech. Conf., 1994,
pp. 752-756.

REFERENCES (Page 4) SERIAL NUMBER: 09/445,808

FORM 1449

U.S. REFERENCES

<u>U.S. Pat No.</u>	<u>Date</u>	<u>Patentee</u>	<u>Class</u>	<u>SubClass</u>
---------------------	-------------	-----------------	--------------	-----------------

FOREIGN REFERENCES

<u>Foreign Doc No.</u>	<u>Date</u>	<u>Country</u>	<u>Class</u>	<u>SubClass</u>
------------------------	-------------	----------------	--------------	-----------------

0711044 10/1995 EPX

94 00917 01/1994 WOX

0849886 12/1997 EPX
96 11534 04/1996 WOX

OTHER REFERENCE CITATIONS (incl. Author, Title, Date, Pertinent Pages, etc.)

=====
